

ABSTRACT OF DISCLOSURE

In such a multi-mode cellular phone terminal, a transmitter, a receiver and a synthesizer are composed of common hardware that can be used in a plurality of communications systems. A
5 channel CODEC, a modulator, an equalizer and memory for signal processing programs are composed of common hardware to execute signal processing supporting a plurality of communications systems. A CPU and memory for a communications control program supports different communications control systems. Thus, it
10 is provided a multi-mode cellular phone terminal that supports different communications systems with compact design and low cost.